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PTO/SB/21 (00-04)

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FORM

(to be used for all correspondence after initial filing)

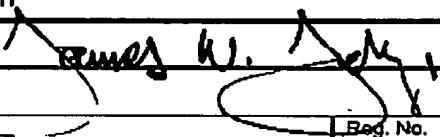
Total Number of Pages In This Submission 55

Application Number	10/605,519
Filing Date	October 6, 2003
First Named Inventor	Manabu Hashikura
Art Unit	2859
Examiner Name	Mirellis Jagan

Attorney Docket Number 39.028-AG

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Judge Patent Firm		
Signature			
Printed name	James W. Judge		
Date	March 28, 2005	Reg. No.	42,701

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	James W. Judge	Date	42,701

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)  
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*Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).*

# FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$)</b>	<b>180.00</b>
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<b>Complete if Known</b>	
Application Number	10/605,519
Filing Date	October 6, 2003
First Named Inventor	Manabu Hashikura
Examiner Name	Mirellys Jagan
Art Unit	2859
Attorney Docket No.	39.028-AG

## METHOD OF PAYMENT (check all that apply)

- Check  Credit Card  Money Order  Nonc  Other (please identify). \_\_\_\_\_
- Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- |   |   |
|---|---|
| <input type="checkbox"/> Charge fee(s) Indicated below  | <input type="checkbox"/> Charge fee(s) Indicated below, except for the filing fee |
| <input type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input type="checkbox"/> Credit any overpayments                                  |

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## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

<u>Total Claims</u>	<u>Extra Claims</u>		<u>Fee (\$)</u>		<u>Fee (\$)</u>		<u>Small Entity</u>	<u>Fee (\$)</u>
	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>		
- 20 or HP =	x	=					50	25
HP = highest number of total claims paid for, if greater than 20.							200	100
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			360	180
- 3 or HP =	x	=						
HP = highest number of independent claims paid for, if greater than 3.								

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x		

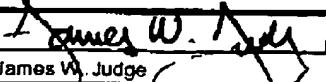
### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1.17(p) Submission of an Information Disclosure Statement

180.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 42,701	Telephone 305-938-7119
Name (Print/Type)	James W. Judge	Date March 28, 2005	

This collection of information is required by 37 CFR 1.128. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MAR 28 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No.	:	10/605,519	Confirmation No. 2518
Applicant	:	Manabu Hashikura, et al.	OP
Filed	:	October 6, 2003	
Tech. Cntr./Art Unit	:	2859	180.00
Examiner	:	Mirells Jagan	
Docket No.	:	39.028-AG	
Customer No.	:	29453	

00600011 10605519

03/31/2005 EK0111  
01 FC:18v6

Honorable Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This constitutes an Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98. The attached documents listed on the accompanying Form PTO/SB/08A are hereby brought to the Examiner's attention in the patent application identified above.

**REMARKS**

All of the presently submitted references, i.e., Cite Nos. F1 through F5 as listed on Form PTO/SB/08A, are not in English. These references were cited in a communication from the Japanese Patent Office in a counterpart Japanese application.

**Concise Explanation of Relevance/Copy of Translation**  
**Pursuant to 37 C.F.R. § 1.98(a)(3)**

As a concise explanation of the relevance of the presently submitted Japanese-language references, an English translation of pertinent portions of the Japanese Patent Office communication—which was in Japanese Pat. App. No. 2002-294399, the foreign patent application on the basis of which priority is claimed in the present application—is submitted herewith.

App. No. 10/605,519  
IDS Submission dated March 28, 2005

(A copy of the Japanese Patent Office communication in its entirety, with borders drawn around the text containing the rejections, follows the English translation.)

Furthermore, English abstracts of Cite Nos. F1 through F4 are available through the Japanese Patent Office Web site, and the corresponding abstract is attached to the back of each reference.

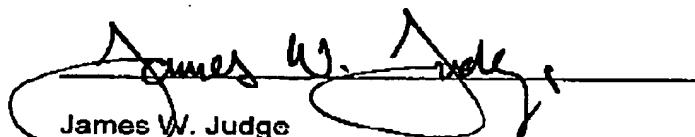
Furthermore, an English translation of Claim 1 in Cite No. F5, which is a published utility model, not patent, application, has been made available to Applicant's representative and is being submitted herewith. A Border has been drawn around the section in the Japanese original text corresponding to the partial English translation.

As the date on which the Japanese Patent Office communication citing the presently submitted information was November 24, 2004, an attestation under 37 C.F.R. § 1.97(e) cannot be made. Accordingly, a credit-card payment form authorizing payment of the fee under 37 C.F.R. § 1.17(p), together with a Fee Transmittal form, also accompanies this paper.

The Examiner is respectfully requested to consider these references, and to indicate so on the accompanying Form PTO/SB/08A and make the document of record in the present application.

Respectfully submitted,

March 28, 2005

  
James W. Judge  
Registration No. 42,701

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/605,519
		Filing Date	October 6, 2003
		First Named Inventor	Manabu Hashikura
		Art Unit	2859
		Examiner Name	Mirellys Jagan
		Attorney Docket Number	39.028-AG
Sheet	1	of	1

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
	F1	JP-H05-206030	08-13-1993	NGK Insulators	✓
	F2	JP-H07-294339	11-10-1995	Honda Motor	✓
	F3	JP-S61-223523	10-04-1986	Toshiba	✓
	F4	JP-H06-241913	09-02-1994	Chubu Sukegawa Kogyo	✓
	F5	JP-H04-011445	01-30-1992	Nagano	✓

<b>Examiner Signature</b>		<b>Date Considered</b>	
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**'EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP § 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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